

IN THE SPECIFICATION

Please add the following paragraph before the first paragraph beginning at page 1, line 1:

CROSS REFERENCE TO RELATED APPLICATION

This application claims the benefit of U.S. provisional application serial no. 60/432,300 filed December 10, 2002, which is incorporated herein by reference.

The present invention relates to pulse-width-modulation (PWM) waveform generators. More particularly, the present invention relates to an intelligent, programmable PWM generator with enhanced features implemented using standard modules in a microprocessor. The PWM of the present invention is able to handle both variable on/off-timing control and multiple-event interrupts.